

Explain the health consequences of violence victimization

Objectives

 Describe the effectiveness of home visitation programs in the context of violence prevention

Social Determinants of Health

- The conditions in which people are
 - Born
 - Grow
 - Live
 - Work
 - Age
- Shaped by the distribution of
 - Money
 - Power
 - Resources

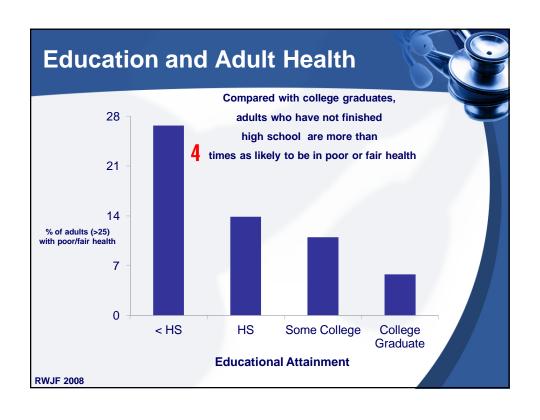
CDC 2013; WHO 2013

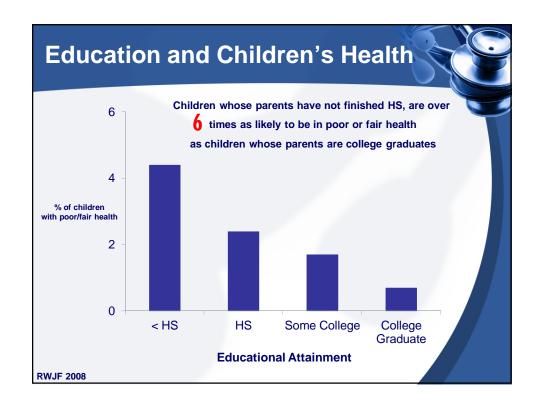
Social Determinants of Health

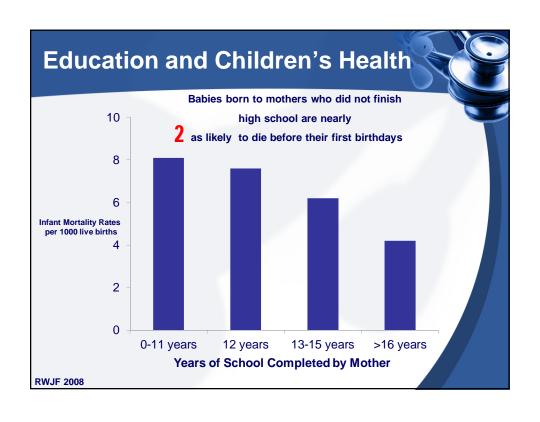
- Biologic/Genetic
 - Sex and Age
- Individual Behavior
 - Smoking, excessive drinking, substance abuse, poor diet and physical inactivity are among the leader contributors to preventable death in the US
- Social Environment
 - Discrimination, income and gender
- Physical Environment
 - Where a person lives, crowding conditions, lack of green space
- Health Services
 - Access to quality health care, having insurance

CDC 2013; Mokdad 2004; WHO 2013

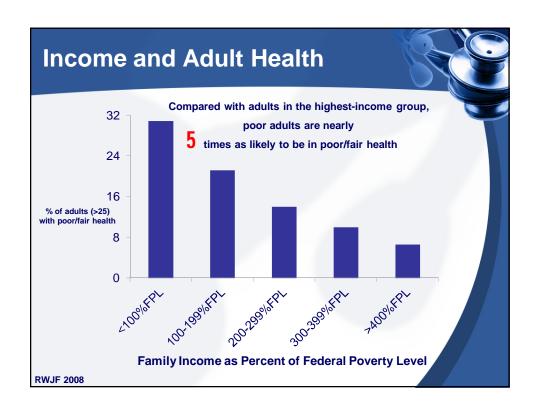
Social Determinants of Health A nation's health is its most precious asset A person's health is not only a product of good medical care and genes A person's health and likelihood of becoming sick and dying prematurely are influenced by Education

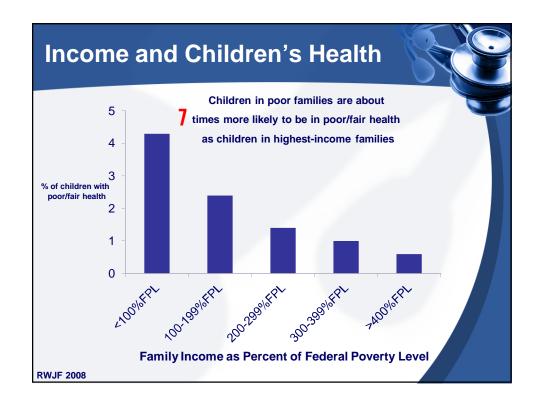




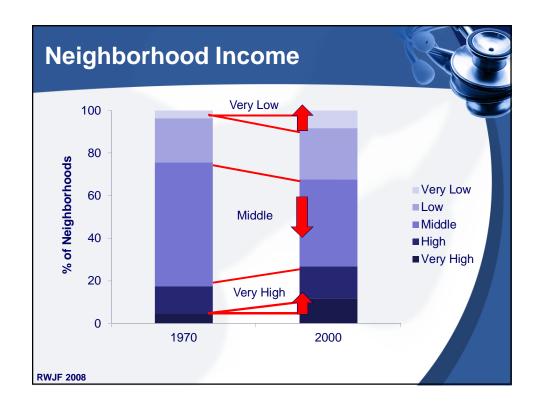


Social Determinants of Health A nation's health is its most precious asset A person's health is not only a product of good medical care and genes A person's health and likelihood of becoming sick and dying prematurely are influenced by Education Income

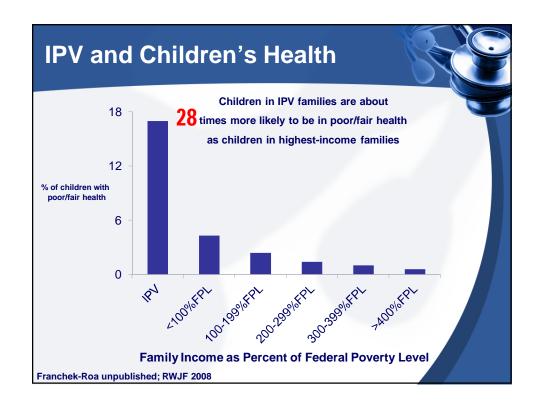


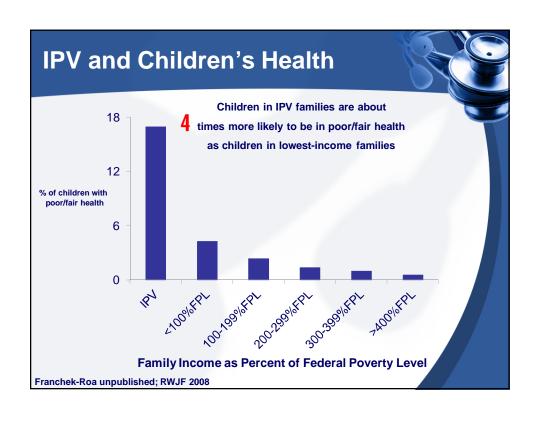












Social Determinants of Health

- Reducing health inequalities can benefit ALL Americans
- Perhaps the most important reason to act now is the shared American ideal of fair opportunity for all to pursue life, liberty and happiness—all of which depend on good health. Robert Wood Johnson Foundation
- Home visiting programs offer a mechanism for ensuring that at-risk families have social support, linkage with public and private community services and ongoing health services, and development and safety education

Council on Community Pediatrics 2009; RWJF 2008; Segal 2012

Objectives

- Define the social determinants of health and how this relates to home visiting programs
 - The connection between health and the dwelling of the population is one of the most important that exists.
 - » Florence Nightingale

Objectives

- Define the social determinants of health and how this relates to home visiting programs
- Describe the effect of toxic stress and adverse childhood experiences on lifelong health

Adverse Childhood Experiences

Vincent J Felitti MD

Obesity is not the problem - it is the solution

Adverse Childhood Experiences

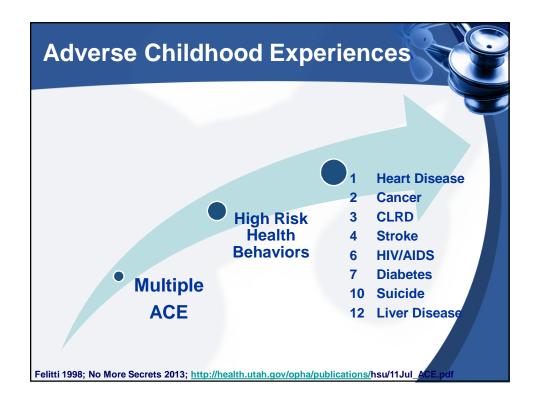
 ACE study documents the conversion of traumatic emotional experiences in childhood into organic disease later in life

Felitti 2001

How does this happen, this reverse alchemy, turning the gold of a newborn into the lead of a depressed, diseased adult?

Adverse Childhoo	erse Childhood Experiences		
ACE	Felitti 1998 (%)	Utah 2010 (%)	
Psychological Abuse	11	38	
Physical Abuse	11	17	
Sexual Abuse	22	19	
Substance Abuse	26	28	
Mental Illness	19	21	
Mother Treated Violently	13	12	
Criminal Behavior	3	6	
elitti 1998; No More Secrets 2013; http://health.	.utah.gov/opha/publications	s/hsu/11Jul_ACE.pdf	

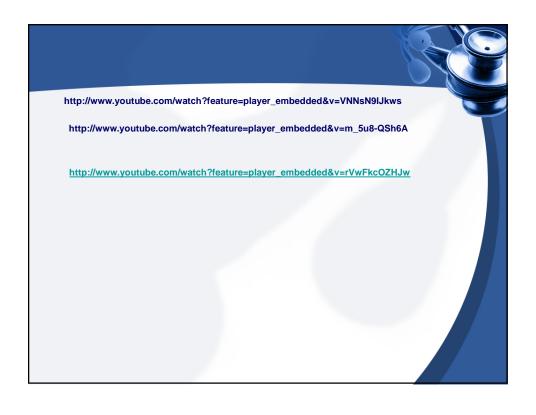
Adverse Childhood Experiences			
ACE SCORE	Felitti 1998 (%)	Utah 2010 (%)	
0	50	41	
1-3	44	(1-4) 49	
<u>≥</u> 4	6	<u>(≥</u> 5) 10	
tti 1998; No More Secrets 20	13; <u>http://health.utah.gov/oph</u>	a/publications/hsu/11Jul_	

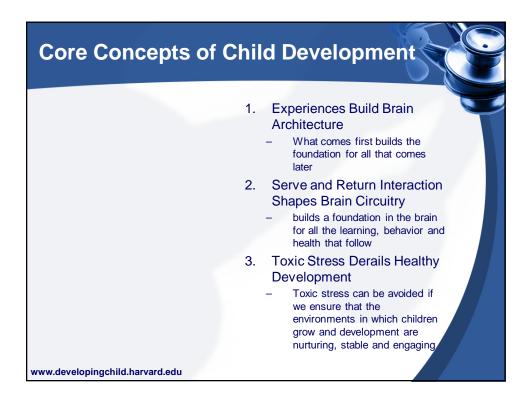


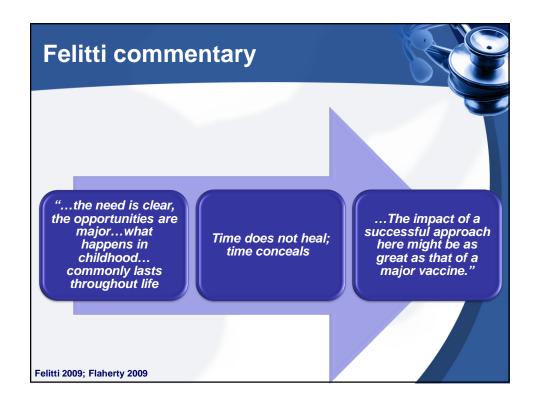
Trauma-Informed Care

- Realization that many patients seeking behavior services and many other public health services have a history of physical and sexual abuse and other forms of trauma
- Trauma-informed care approach to patients provides a more therapeutic interaction and avoids re-traumatization
- "What is wrong with you?"
- "What has happened to you?"

http://www.samhsa.gov/nctic/trauma.asp









Objectives

- Define the social determinants of health and how this relates to home visiting programs
- Describe the effect of toxic stress and adverse childhood experiences on lifelong health
- Explain the health consequences of violence victimization

What is IPV?

Intimate partner
 violence is a pattern of
 "...coercive behaviors
 that may include
 inflicted physical injury,
 psychological abuse,
 sexual assault,
 progressive social
 isolation, stalking,
 deprivation, intimidation
 and threats."

FVPF 1999

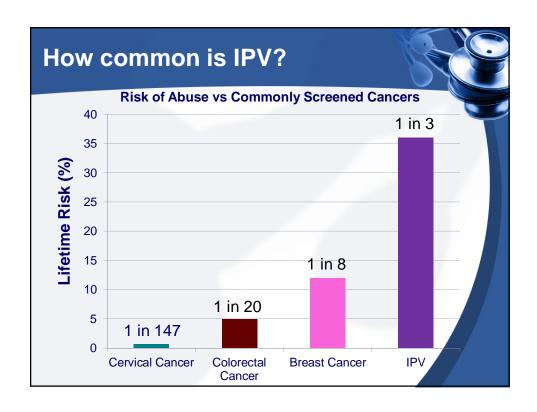
What is IPV?

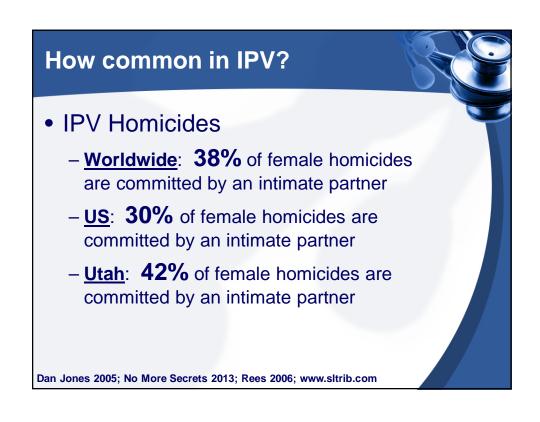
 "These behaviors are perpetrated by someone who is, was or wishes to be involved in an intimate or dating relationship with an adult or adolescent victim and are aimed at establishing control of one partner over the other."

FVPF 1999

How common is IPV?

 The importance of routine screening for breast, cervical, and colorectal cancer is well recognized





Healthy People 2020

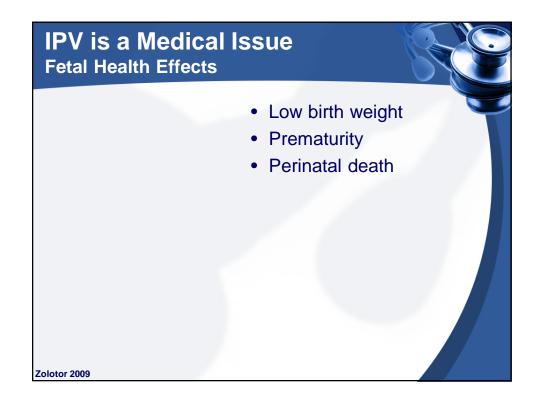
- Research has linked IPV to ALL of the leading health indicators defined in the Healthy People 2020 Health Initiative
 - Access to health services
 - Clinical preventive services
 - Environmental quality
 - Injury and Violence
 - Maternal/Infant/Child Health
 - Mental health
 - Nutrition/Physical activity/Obesity
 - Reproductive/Sexual health
 - Social determinants of health
 - Substance abuse
 - Tobacco use

IPV is a Medical Issue Reproductive Coercion

- Involves behaviors that a partner uses to maintain power and control in a relationship related to reproductive health
 - Attempts to impregnate a partner against her will
 - Controlling the outcomes of a pregnancy
 - Coercing a partner to engage in unwanted sexual acts
 - Threats of violence if a person does not agree to sex
 - Forced noncondom use
 - Intentionally exposing a partner to STD/HIV
 - Birth control sabotage

Chamberlain 2010; Coker 2007; Hess 2012; Miller 2007, 2010; Stockman 2013; Swan 202

IPV is a Medical Issue Maternal Health Consequences Late prenatal care Poor weight gain Spontaneous abortion Preterm labor HTN disorders Vaginal bleeding Placenta abruption Severe nausea/vomiting Premature ROM Homicide



IPV is a Medical Issue Health Consequences Physical injury Strangulation Mental Illness Neurologic Cardiovascular

Pulmonary

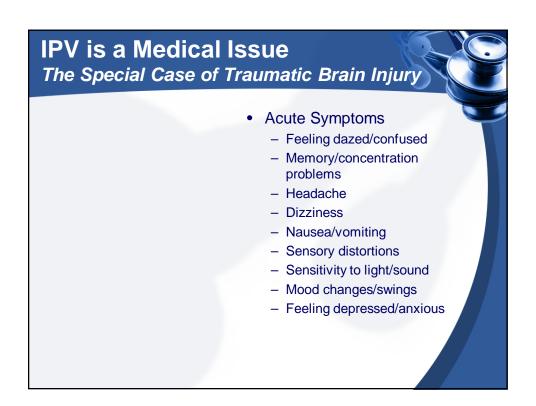
Gastrointestinal

Chronic Pain Syndromes

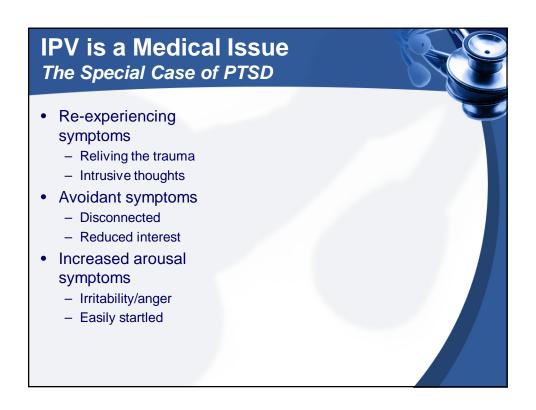
Muscle/Joint Disease

Health Risk Behaviors

AVA COLEVA 2009; Zolotor 2009



IPV is a Medical Issue The Special Case of Traumatic Brain Injury • Long-term Consequences - Difficulty with memory - Thinking is slower - Confusion - Difficulty switching from one activity to another - Difficulty with abstract thoughts - Word-finding problems - Executive function impairment



IPV is a Pediatric Issue

Health Consequences to Child Witnesses

- Sustain injuries
- Sleep problems
- Behavioral issues
- Psychosomatic complaints
- School failure
- PTSD
 - Conduct disorders
 - Mood disorders
 - Anxiety
 - ADHD

Carter 1999; Christian 1997; Edelson 2003; Lehman 1997; McCloskey 2000; Schecter 1995; Zink 2003

IPV is a Medical Issue

Health Consequences to Child Witnesses

Child witnesses are more likely to incorporate violence into their lives and relationships

Objectives

- Define the social determinants of health and how this relates to home visiting programs
- Describe the effect of toxic stress and adverse childhood experiences on lifelong health
- Explain the health consequences of violence victimization
 - If you don't ask—they won't tell

Objectives

- Define the social determinants of health and how this relates to home visiting programs
- Describe the effect of toxic stress and adverse childhood experiences on lifelong health
- Explain the health consequences of violence victimization
- Describe the effectiveness of home visitation programs in the context of violence prevention

The Special Case of IPV

- Perinatal home visitation programs
 - None were designed to address IPV
 - Programs that screened for IPV found past year prevalence rates as high as 52%
 - The presence of IPV limited the ability of the intervention to improve maternal and child outcomes

Sharp 2008

The Special Case of IPV

- · Hawaii's Healthy Start
 - Lower rates of maternal victimization (not statistically significant) and significantly lower rates of female perpetration
- Project SUPPORT
 - Less behavior problems in children
 - Mothers were less likely to return to their abusive partners
- DOVE Program
 - Still in progress
- Enhanced Nurse Family Partnership Study
 - The program seemed to work as intended for primary prevention approach but does not work for those already experiencing or engaged in IPV

Bair-Merritt 2010; Kilburn 2008; McDonald 2006; Niolon 2013 Abstract

Task Force on Community Preventive Services

- Early childhood home visitation programs
 - Recommended to prevent
 - Child maltreatment
 - Insufficient evidence to prevent
 - Intimate partner violence
 - Violence by parents
 - Violence by children

Bilukha 2005; www.communityguide.org/violence/home/index.html

The Special Case of IPV

- · Realizing the Promise of Home Visitation
 - Integrate IPV identification assessment and prevention into all aspects of home visitation training and service delivery
 - Connect mothers and children who experience or are at risk of experiencing IPV with available community-based resources
 - Educate parents about the potentially harmful effects of exposure to IPV on children and how parents' own exposure to violence can influence their parenting both positively and negatively
 - Engage fathers and other men, when safe to do so, in effective strategies to create healthy relationships with their partners and children while continuing to hold them accountable when they use violence

Family Violence Prevention Fund 2010



In Summary

- Define the social determinants of health and how this relates to home visiting programs
 - "...the most efficient strategy for strengthening the future workforce both economically and neurobiologically, and improving its quality of life is to invest in the environments of disadvantaged children during the early childhood years."
 Knudsen 2006 (Nobel Laureate Economist)

In Summary

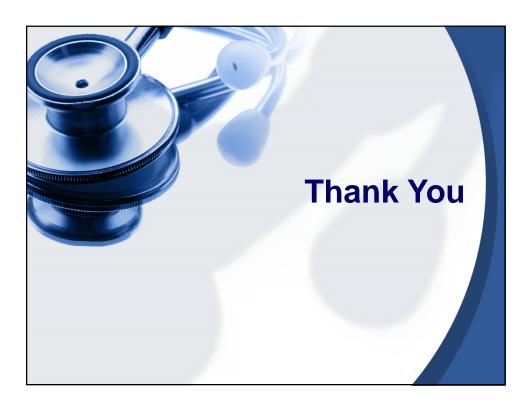
- Define the social determinants of health and how this relates to home visiting programs
- Describe the effect of toxic stress and adverse childhood experiences on lifelong health
 - "It is easier to build strong children than to repair broken men."—Frederick Douglass

In Summary

- Define the social determinants of health and how this relates to home visiting programs
- Describe the effect of toxic stress and adverse childhood experiences on lifelong health
- Explain the health consequences of violence victimization
 - "I will remember that there is an art to medicine as well as a science, and that warmth, sympathy, and understanding may outweigh the surgeon's knife or the chemist's drug."
 Louis Lasagna MD

In Summary

- Define the social determinants of health and how this relates to home visiting programs
- Describe the effect of toxic stress and adverse childhood experiences on lifelong health
- Explain the health consequences of violence victimization
- Describe the effectiveness of home visitation programs in the context of violence prevention
 - Strong families start with a strong foundation Pew Charitable Trust





- Academy on Violence and Abuse. Consequences of Lifetime Experiences of Violence and Abuse – The COLEVA Project. 2009. Available at www.avahealth.org
- American College of Obstetricians and Gynecologists.
 http://www.acog.org/About_ACOG/ACOG_Departments/Violence_Against_Women
- American College of Obstetricians and Gynecologists Women's Health Care Physicians. Committee Opinion Number 518 Feb 2012 Committee on Health Care for Underserved Women. Available at: http://www.acog.org/About_ACOG/ACOG_Departments/Health_Care-for_Underserved Women/Committee Opinion Intimate Partner Violence Accessed March 20, 2013
- Bair-Merritt MH et al. Reducing maternal intimate partner violence after the birth of a child: A randomized controlled trial of the Hawaii Healthy Start Home Visitation Program. Arch Ped Adolesc Med. 2010; 164:16-23

- Bilukha O et al. The effectiveness of early childhood home visitation in preventing violence – A systematic review. Am J Prev Med. 2005;28:11-39
- Black MC et al. The National Intimate Partner and Sexual Violence Survey (NISVS): 2010 Summary Report. Atlanta, GA: National Center for Injury Prevention and Control, Centers for Disease Control and Prevention, 2011.
- Carter LS et al. Domestic violence and children: Analysis and recommendations. The Future of Children –Domestic Violence and Children. 1999:9:420
- Centers for Disease Control and Prevention. Social Determinants of Health. Available at http://www.cdc.gov/socialdeterminants/Definitions.html
- Chamberlain L, Levenson R. Reproductive Health and Partner Violence Guidelines: An Integrated Response to Intimate Partner Violence and Reproductive Coercion. Family Violence Prevention Fund. 2010

- Cheng D, Horon IL. Intimate partner homicide among pregnant and postpartum women. Obstet Gynecol. 2010;115:1181
- Christian CW et al. Pediatric injury resulting from family violence. Pediatrics. 1997;99:e8.
- Coker AL. Does physical intimate partner violence affect sexual health? A systematic review. Trauma Viol Abuse. 2007;8:149-177
- Council on Community Pediatrics. The role of preschool home-visiting programs in improving children's developmental and health outcomes. Pediatrics. 2009:123:598
- Dan Jones and Associates. Domestic Violence Incidence and Prevalence Study, September – December 2005. Dan Jones and Associates, Salt Lake City, Utah. Available at: http://www.nomoresecrets.utah.gov/Documents/DanJonesExecutiveSummary.pdf

- Edleson JL et al. How children are involved in adult domestic violence

 Results from a four-city telephone survey. J Interper Viol.

 2003:18:18-32
- Family Violence Prevention Fund. Preventing Domestic Violence: Clinical Guidelines on Routine Screening. San Francisco, CA. Family Violence Prevention Fund. 1999
- Family Violence Prevention Fund. Realizing the Promise of Home Visitation: Addressing Domestic Violence and Child Maltreatment—A Guide for Policy Makers. 2010.
- Felitti VJ et al. Relationship of childhood abuse and household dysfunction to many of the leading causes of death in adults—the Adverse Childhood Experiences (ACE) Study. Am J Prev Med. 1998:14:245-258
- Felitti VJ. Reverse alchemy in childhood: Turning gold into lead. Health Alert. Vol 8 No 1. 2001

- Hess KL et al. Intimate Partner violence and sexually transmitted infections among young adult women. Sex Transm Dis. 2012;39:366-371
- Kilburn ET et al. Facilitators and barriers for implementing home visit interventions to address intimate partner violence: Town and Gown Partnerships. Nursing Clinics No Am. 2008;43:419-435
- Lehmann P. The development of Posttraumatic Stress Disorder (PTSD) in a sample of child witnesses to mother assault. J Fam Viol. 1997;12:242-257
- Martin SL et al. (2012, December). Domestic Violence During Pregnancy and the Postpartum Period. Harrisburg, PA: VAWnet, a project of the National Resource Center on Domestic Violence. Retrieved March 20, 2013 from: http://www.vawnet.org
- McCloskey LA et al. Posttraumatic stress in child exposed to family violence and single-event trauma. J Am Acad Child Adol Psychiatry. 2000;39:108-115

- McDonald R et al. Reducing conduct problems among children brought to women's shelters: Intervention effects 24 months following termination of services. J Fam Psychol. 2006;20:127-136
- Miller E et al. Male partner pregnancy-promoting behaviors and adolescent partner violence: Findings from a qualitative study with adoelscent females. Ambul Pediatr 2007;7:360-366
- Miller E et al. Pregnancy coercion, intimate partner violence, and unintended pregnancy. Contraception. 2010; 81:316-322
- Mokdad AH, Marks JS, Stroup DF, et al. "Actual Causes of Death in the United States, 2000." Journal of the American Medical Association, 291(10):1238-1245, 2004
- National Resource Center on DV. 2002
- Niolon PH et al. Findings from an RCT investigating the effectiveness of an IPV prevention component inserted into the Nurse Family Partnership Home Visitation Program (NFP): The Enhanced Nurse Family Partnership Study (ENFPS). Presented May 29 2013 at the Society for Prevention Research 21st Annual Meeting

- Plichta SB. Intimate partner violence and physical health consequences: policy and practice implications. J Interpers Violence 2004;19:1296–323
- Rees S et al. Refugee Settlement, Safety and Wellbeing: Exploring Domestic and Family Violence in Refugee Communities. Immigrant Women's Domestic Violence Services. 2006
- Robert Wood Johnson Foundation. Overcoming obstacles to health: report from the Robert Wood Johnson Foundation to the Commission to Build a Healthier America. Princeton (NJ): Robert Wood Johnson Foundation; 2008. Available
 - http://www.rwjf.org/content/dam/farm/reports/reports/2008/rwjf22441
- Schecter S, Edleson JL. In the best interest of women and children: A
 call for collaboration between child welfare and domestic violence
 constituencies. Prevention Report. 1995.
 www.mincava.umn.edu/papers/wingsp.htm

- Segal L et al. Theory! The missing link in understanding the performance of neonate/infant home-visiting programs to prevent child maltreatment: A systematic review. The Milbank Quarterly. 2012;90:47-106
- Sharp PW et al. Current evidence on perinatal home visiting and intimate partner violence. J Obstet Gynedol Neonatal Nurs. 2008;3:480-491
- Shonkoff JP et al. Technical Report—The lifelong effects of early childhood adversity and toxic stress. Pediatrics. 2012:129:e232-e246.
- Stockman JK et al. Forced sexual initiation, sexual intimate partner violence and HIV risk in women: A global review of the literature. AIDS Behav. 2013;17:832-847
- Swan H et al. The impact of intimate partner violence on women's condom negotiation efficacy. J Interpers Viol. 2012:27:775-792
- U.S. Department of Health and Human Services, SAMHSA, OAS. 2009

- Utah Commission on Criminal and Juvenile Justice. No More Secrets

 Utah's Domestic and Sexual Violence Report, 2013. Available at: http://nomoresecrets.utah.gov/
- World Health Organization. Global and Regional Estimates of Violence Against Women: Prevalence and health effects of intimate partner violence and non-partner sexual violence. 2013. Available at: http://apps.who.int/iris/bitstream/10665/85239/1/9789241564625_eng. pdf
- Zink T, Elder N, Jacobsen J. How children affect the mother/victim's process in intimate partner violence. Arch Pediatr Adolesc Med. 2003;157:587-592
- Zolotor AJ et al. Intimate partner violence. Obstet Gynecol Clin N Am. 2009;36:847-860